

## INTERNATIONAL SEARCH REPORT

International application No. PCT/FI 2004/000135
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## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B01D 11/04, C22B 3/02 // C22B 15:00, C22B 19:00, C22B 23:00, C22B 34:34,  
C22B 60:02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B01D, C22B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE, DK, FI, NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## EPO-INTERNAL, WPI DATA

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3997445 A (GUNNAR HANNESTAD), 14 December 1976 (14.12.1976), column 1, line 4 - line 9; column 1, line 23 - line 25; column 1, line 47 - column 2, line 37, column 2, line 45 - line 46; figures 1,2  --	1-2,9
A	US 5558780 A (MARK F. VANCAS), 24 Sept 1996 (24.09.1996), column 4, line 30 - line 62, figure 1  --	1-29
A	US 5662871 A (BROR NYMAN ET AL), 2 Sept 1997 (02.09.1997), column 1, line 5 - line 18; column 7, line 22 - line 26  --	1-29

Further documents are listed in the continuation of Box C.

See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

28 June 2004

Date of mailing of the international search report

01-07-2004

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PCT/FI 2004/000135

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6132615 A (BROR NYMAN ET AL), 17 October 2000 (17.10.2000), column 1, line 6 - line 33; column 4, line 15 - line 18  -- -----	1-29

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

30/04/2004

International application No.

PCT/FI 2004/000135

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